

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A communication system comprising:

a mobile terminals terminal configured to transmit a current location and receive a streaming content;

connection servers, each including acquiring means for acquiring location information concerning the configured to acquire its own location of the connection server and having a cell store the streaming content; and

control servers, each including updating means for updating network information based on the location information configured to

receive the location of each connection server from each connection server,

form a Voronoi diagram of geographic regions surrounding each connection server location, each geographic region containing only locations that are closer to a corresponding connection server location than to any other connection server location,

identify a target geographic region in the Voronoi diagram that is likely to contain a future location of the mobile terminal at a future time based on the current location of the mobile terminal and a previous location of the mobile terminal received from the mobile terminal, and

send selected content to the connection server in the target geographic region, the content selected based on the future time at which the target geographic region is likely to contain the future location of the mobile terminal

wherein each of the connection servers connects to some of the mobile terminals within the cell to transfer data between the mobile terminals via the connection servers or the control servers.

Claim 2 (Currently Amended): The communication system according to claim 1, wherein connection servers are connected to one another and the updating means updates control servers update connections among [[a]] the connection servers server and neighboring connection servers based on the cell states relative location of the neighboring connection servers.

Claim 3 (Currently Amended): The communication system according to claim 2, wherein the connection server is a newly installed server; and wherein the updating means control server selects a connection server neighboring [[to]] the new server, identifies at least one cell connection server affected by the new server, and changes connections among the connection servers and neighboring connection servers depending on the distances among the connection server and the newly installed server neighboring connection servers.

Claim 4 (Currently Amended): The communication system according to claim 1, each connection server further comprising content transmission managing means for switching wherein a mobile terminal connection server being in communicating communication with a mobile terminal connection server switches to another connection server with which the mobile terminal will communicate, as the mobile terminal moves from one cell to another.

Claim 5 (Currently Amended): The communication system according to claim 1, wherein each control server further comprising load sharing means for monitoring the processing capability of each connection server and for controlling adjusts a load sharing

share of the connection servers depending on the geographic location of each connection server.

Claim 6 (Currently Amended): The communication system according to claim 5, wherein ~~the load sharing means~~ each control server controls ~~the load sharing share of the connection servers~~ based on estimated movements of the mobile terminals and a processing capability of each connection server.